



PORTABLE CONSOLE
for push button scene shifting

stage equipment

unseen essentials
produce the
wanted results



Mershen Auditorium
Ohio State University
Columbus, Ohio
Architect: Bellman, Gillet & Richards
Equipment Contractor: Janson Industries
Canton, Ohio

J. R. CLANCY, Inc.

1010 West Belden Avenue
Syracuse, New York

stages... design service and equipment

When designing a new stage or remodeling an old one, theatre executives, architects and contractors should consider the latest developments in stage design and equipment; they should have a complete advance plan with blueprints that show in every detail the entire layout of the stage, detailed architectural specifications, a full record of all required equipment and supplies, and the approximate costs of all items.

It is always preferable, in new construction, that matters pertaining to the stage be considered even before the steel is detailed for the building. Clancy engineers, frequently, have been able to suggest modifications which have provided a better working stage layout, oftentimes at no greater cost. Clancy suggestions, made early enough, have saved large sums in changes which eventually would have been imperative to a smooth and satisfactory operating stage.

Clancy's SceneControl represents the first practical use of modern technology in handling scenery. The result of 75 years of J. R. Clancy research and experience, SceneControl makes the back stage area safer, cleaner and more efficient for the artist and technician. See description on page 3.

complete planning service available

The Clancy Engineering Department, because of its long experience, can and will furnish such a plan. A Clancy plan will show a stage laid out in keeping with your requirements, and including all other data required. Such a stage, when planned by Clancy Engineers, will guarantee the most complete, modern and practical stage at the lowest possible cost. It will be a stage that is not only low in first cost but also most economical in operating and maintenance cost.

custom-built equipment



Linton High School, Schenectady, New York (a Progressive Architecture Award-winning school)

architects: Perkins & Will, Chicago, Illinois

stage equipment contractor: J. R. Clancy, Inc.

J. R. Clancy, Inc. is able to design and fabricate custom-built equipment to fit the needs of any job. This arrangement was custom designed by the architect so that the operator of the sets could face the rigging. This arrangement is particularly good for high schools because the set operator is almost always inexperienced and seeing the rigging gives him confidence.

This job also involved unusually large head blocks and a trip-type asbestos curtain.

based on your requirements

To properly plan a stage, so many details must be considered that we have prepared the questionnaire on the inside pages of this folder for the convenience of our patrons. This data will serve two purposes—first: remind you of important details; second: enable you to furnish us the information necessary to lay out a modern, efficient and economical stage.

Clancy equipment is Clancy-built

Clancy stage rigging and equipment is produced in our own complete, modern plant equipped with all the machinery and tools necessary to turn out this material on an economical basis. We carry on hand at all times a complete stock of all items in general use and can furnish complete equipment or replacement parts for any stage promptly.

We also carry on hand a complete supply of unfinished material from which any special units or equipment can be turned out on short notice. All work is done in our own plant. It is supervised by experienced executives with a thorough knowledge of the exacting requirements of the stage.

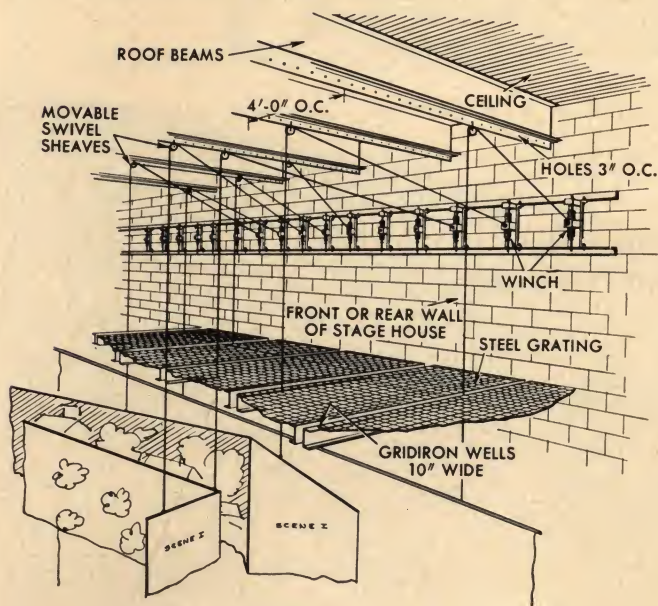
features of Clancy equipment

- *head blocks have Timken roller bearings with inner and outer races operating independently of shaft or hub.*
- *loft blocks are correctly sized to fit the cables; steel cross spaces positively prevent fouling.*
- *counterweight carriages have heavy tops of alloy metal with cast in eyes that do not cut cables; heavy steel side rods with lock nuts hold weights in place.*
- *floor blocks are noiseless; they have self-lubricating bearings that require no oil and wear a lifetime.*
- *rope locks are heavy cast one-piece construction with extra strong cams and locking levers and dependable safety lock; they are adjustable to all rope sizes and work equally well with old ropes as new ropes.*
- *cables are made to Clancy specifications with a safety factor of $2\frac{1}{2}$; will last the lifetime of the stage when used in Clancy sheaves.*
- *hand lines are first grade Manila fibre, free of slivers and foreign matter.*

accept no substitutes

The great preference for Clancy stage equipment and the confidence in the Clancy name have brought about attempts to supply substitute equipment. When a substitution of this nature is attempted, the reason for it is obvious to any thinking person. To protect you against this substitution, every Clancy item is labeled with the Clancy trade-mark. Look for this trade-mark on the equipment you buy.

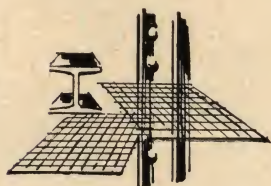
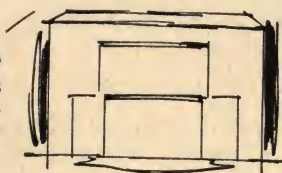
the most significant advance in stage equipment in over 2,000 years



Electric powered winches mounted near roof on front and rear walls of stage house take the place of conventional counterweight rigging. Winches are synchronized through a variable speed drive and electrically controlled by means of a portable pushbutton console (photo of console on cover). Lines from winches are run through sheaves located as desired over stage in holes 3 inches in tee beams 4 feet on centers perpendicular to procenium.

saves 20% to 40% of stage house cubage

Standard theater equipment extends top roof line over full area of wings — Clancy SceneControl doesn't use this space for rigging.



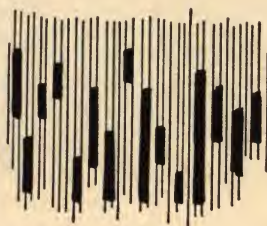
eliminates pin-rail and fly gallery

All lines and rigging are loft height ... side walls freed from rigging and counterweights are available for other useful purposes.



cuts steel requirements

Eliminates separate "grid" structure ... cuts load requirements on roof steel.



enables new concepts stage design

Without conventional rigging, the set designer does not have to fit his scenery to parallel rows of battens. Lines are spotted to handle the scenery, instead of the design matching the available rigging.

ORCHESTRA LIFT

Purdue University Music Hall, Lafayette, Indiana

architects: Walter P. Scholer

stage equipment consultant:

J. R. Clancy, Inc.

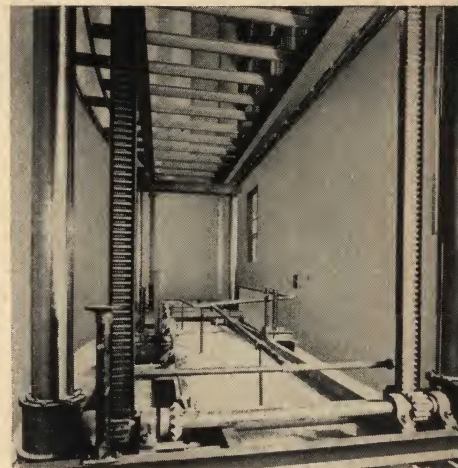
stage equipment contractor:

J. R. Clancy, Inc.

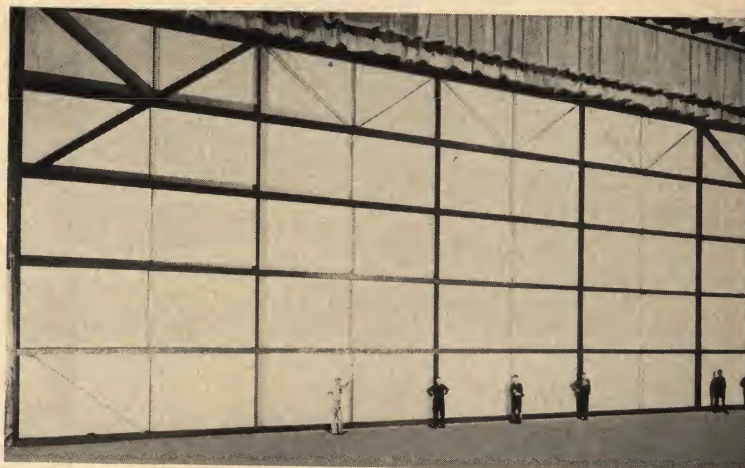
Orchestra lifts also greatly increase the flexibility of a stage and help create that certain indefinable air of magic. Each lift must be custom designed to exactly fit the needs of the installation. Each lift must be absolutely reliable and safe.

Clancy is the leading manufacturer of oil hydraulic orchestra lifts in the country; a few Clancy installations are as follows: Purdue University has 2, University of Wichita has 1, Dade County Auditorium in Florida has 1, Syracuse War Memorial Auditorium has 1, University of Indiana has 1, and State Teachers College, Greeley, Colorado has 1 and Alice Statler Auditorium at Cornell University has 1.

This orchestra lift at Purdue University is large enough to accommodate a 100 piece symphony orchestra. It can bring a capacity load from the basement to the flush level of the stage in less than 75 seconds.



ASBESTOS CURTAINS



Purdue University Music Hall, Lafayette, Indiana (same job as above)

This fire curtain is 39'-6" high and 103'-6" wide. It weighs 19¾ tons. The weight and size of asbestos curtains demand that they be considered in the original structural design of the building.

Asbestos curtains are equipped with an electric motor for raising and lowering and an emergency lowering feature in case of fire. The danger inherent in these operations are apparent. Clancy asbestos curtains are safe, fool-proof in operation and meet the most rigid provision of fire codes.

Asbestos curtains are extremely expensive, potentially dangerous, potentially difficult to incorporate into the building but definitely required by building codes for auditoriums of a certain size (requirements for various areas differ). It is certainly prudent for the architect to get the best possible design and engineering service as early in the design stages as possible.

CLANCY STAGE EQUIPMENT

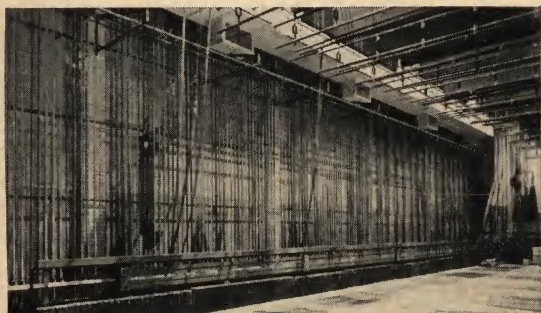
MULTIPLE SPEED SETS



The Pontifical College Josephinum, Worthington, Ohio (one of the three Roman Catholic Pontifical institutions in the United States) architects: Karlsberger, McClellan & Gallogly, Columbus, Ohio stage equipment contractor: Janson Industries Inc., Canton, Ohio

This installation is not extremely large but it is a very good, compact, safe and efficient arrangement. A fly floor with multiple speed sets was used. This arrangement is frequently used in small colleges because the floor space can be used for other necessary purposes, such as storage space, exit doors, etc.

CBC TELEVISION STUDIOS



CBC Television Studios
Canadian Broadcasting Company, Toronto, Canada
stage equipment consultant: J. R. Clancy, Inc.
stage equipment contractor: Canadian Contract Sales Ltd., Montreal, Quebec

The illustration shows a typical TV application of Tee-Bar guide counterweight sets. This installation provides for over 100 sets. With Clancy's engineering assistance this studio was provided with an extremely versatile arrangement of sets.

Clancy fabricated special troughs to follow the sets up and down and collect the power cables for the lights. This device prevented the cables from fouling and from cluttering critical sight lines. The neat and orderly appearance of the job is an indication of the workmanship.

suggested planning procedure

new construction

The following are items that should be established before designing the stage of any auditorium. A representative of J. R. Clancy will be happy to discuss and give you advice on them:

1. Size and shape of the stage area.
2. Location and amount of off stage areas for scene storage and scene changing.
3. Height of the gridiron or loft block beams. This determines the height of the fly loft.
4. Weight and location of stage equipment. This determines the structural steel of the building itself.
5. Location of counterweight guides, whether it be Wire or Tee-Bar Guide System, and also the proximity of either system with the stage side wall.
6. Location of head block beam; this beam is heavily loaded and the structural steel of the building must be designed to support it. It must be precisely located for the proper operation of the counterweight sets.

remodeling or when stage has been partially equipped

J. R. Clancy, Inc. can make a complete stage layout based on your requirements if you will supply the following information:

stage dimensions

Length: Side wall to side wall
Depth: Proscenium to rear wall
Height: Stage floor to top of gridiron
Gridiron to roof
(plan from back cover)

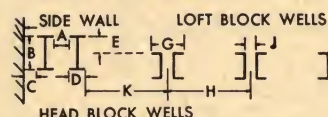


proscenium opening

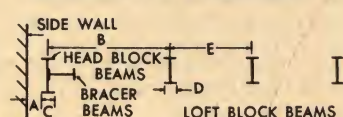
Width Height center Height sides

gridiron

UPRIGHT TYPE GRIDIRON



UNDERHUNG TYPE GRIDIRON



Is gridiron upright Is gridiron underhung

fly loft

Yes No Height Width
Is there a locking rail Pin rail
Length

if blueprints are submitted, they should show in detail—stage floor plan, stage elevation, and gridiron plan

general information

On which side of stage is head block well (looking toward audience)
Is space underneath clear for counterweight sets
Are there any doors, entrances or stairs to conflict (Indicate on floor plan)
Is asbestos curtain required
Height—auditorium floor to stage floor
Distance—proscenium opening to first row of seats
Will auditorium have projection booth
Picture screen Will auditorium have a balcony
Will sound horn equipment be used
Approximate number of counterweight sets desired

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